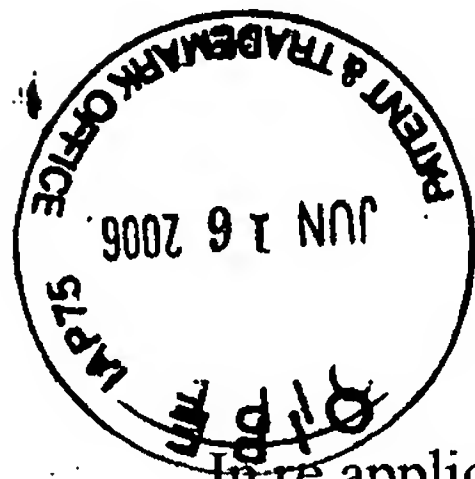


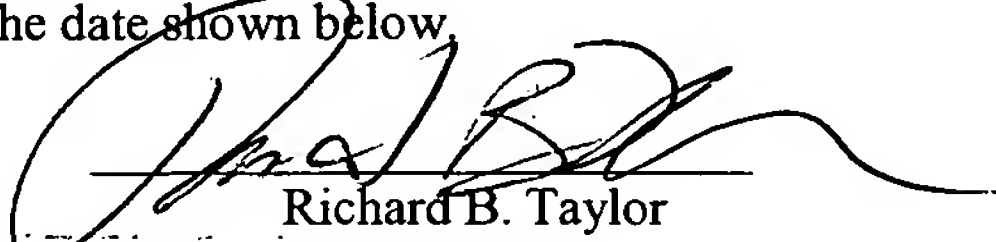
17m



PATENT
TH1615 02 (US)
RBT:EM

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Richard B. Taylor
Date: June 14, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

JOHN F. KNIFTON, TALMADGE G. JAMES,
LYNN H. SLAUGH, PAUL R. WEIDER,
KEVIN D. ALLEN, and JOSEPH B. POWELL

Serial No. 10/790,598

Filed March 1, 2004

ONE-STEP PRODUCTION OF 1,3-PROPANEDIOL
FROM ETHYLENE OXIDE AND SYNGAS WITH
A COBALT IRON CATALYST

Group Art Unit: 1754

June 14, 2006

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

For the foreign language documents, an English language abstract is provided.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

JOHN F. KNIFTON, TALMADGE G. JAMES,
LYNN H. SLAUGH, PAUL R. WEIDER,
KEVIN D. ALLEN, and JOSEPH B. POWELL

By their attorney


Richard B. Taylor

Registration No. 37,248

Senior Counsel

Shell Oil Company

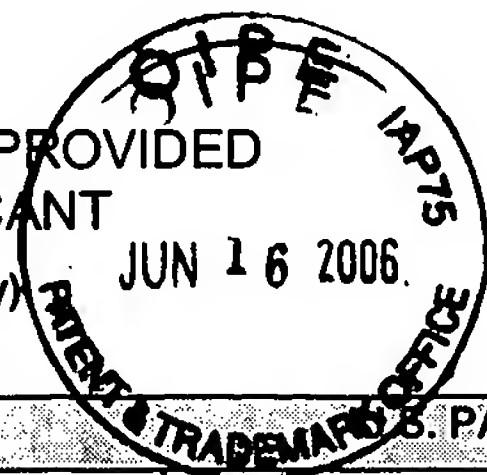
(713) 241-3558

P. O. Box 2463
Houston, Texas 77252-2463

FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED
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ATTY. DOCKET NO.
TH1615 02 (US)APPLICATION NUMBER
10/790,598APPLICANT
J. F. Knifton et al.FILING DATE
March 1, 2004GROUP ART UNIT
1754

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	3,463,819	8/26/69	Smith et al.	260	602	
	AB	3,456,017	7/15/69	Smith et al.	260	602	
	AC	3,687,981	8/29/72	Lawrence et al.	260	340.7	
	AD	5,256,827	10/26/93	Slaugh et al.	568	454	
	AE	5,344,993	9/6/94	Slaugh et al.	568	454	
	AF	5,459,299	10/17/95	Cheng	219	267	
	AG	5,463,144	10/31/95	Powell et al.	568	867	
	AH	5,463,145	10/31/95	Powell et al.	568	867	
	AI	5,463,146	10/31/95	Slaugh et al.	568	862	
	AJ	5,304,691	4/19/94	Arhancet et al.	568	867	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL	98/42717	10/1/98	World	C07F	9/6568		
	AM	96/10552	4/11/96	World	C07C	45/58		
	AN	98/00471	1/8/98	World	C09J	153/02		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	J. Falbe, "Carbon Monoxide in Organic Synthesis," Springer-Verlag, NY (1970) Chapter 1, pp. 3-16
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

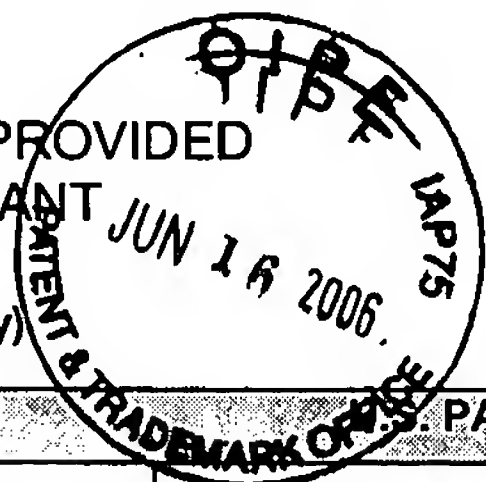
- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	BA	5,545,765	8/13/96	Slaugh et al.	568	862	
	BB	5,545,766	8/13/96	Powell et al.	568	862	
	BC	5,545,767	8/13/96	Weider et al.	568	867	
	BD	5,563,302	10/8/96	Weider et al.	568	862	
	BE	5,689,016	11/18/97	Weider et al.	568	862	
	BG	5,304,686	4/19/94	Slaugh et al.	568	496	
	BH	6,469,222	10/22/02	Knifton et al.	568	867	
	BI	6,468,940	10/22/02	Knifton et al.	502	162	
	BJ	6,706,656	3/16/04	Knifton et al.	502	154	
	BK	6,576,802	6/10/03	Knifton et al.	568	867	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No	
	BL	01/14299 A1	3/1/01	World	C07C	39/205		
	BM	01/72675 A2	10/4/01	World	C07C	29/00		
	BN							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	
	BS	
	BT	

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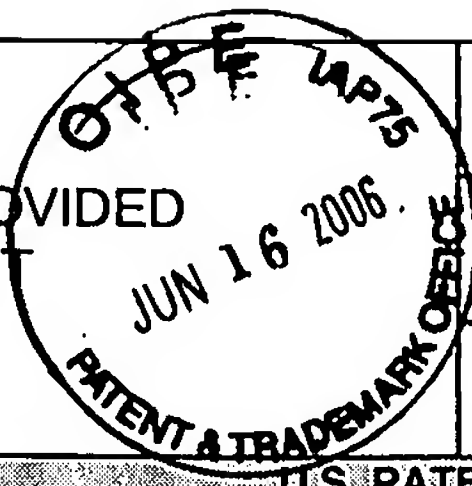
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	CA	6,753,289	6/22/04	Knifton et al.	502	167	
	CB	6,586,643	7/1/03	Knifton et al.	568	867	
	CC	6,903,044	6/7/05	Knifton et al.	502	167	
	CD	6,545,190	4/8/03	Allen et al.	568	867	
	CE	4,408,069	10/4/83	Doyle	560	232	
	CF	4,650,911	3/17/87	Isogai et al.	568	902	
	CG	5,684,214	11/4/97	Weider et al.	568	862	
	CH						
	CI						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No	
	CL							
	CM							
	CN							
	CO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	CR	
	CS	
	CT	

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